

WORK ORDER 2008-35

Date opened: 1 October 2008

Project: Quick Release Cargo Basket Assembly
Type: Eurocopter AS350/355 SeriesBatch Quantity: 1 Complete LH Basket Assembly (76410-01-02)
With open front modification (70406)
With Lid Step modification (70405)Approval: SH08-16
Drawing List: DCL764-3

Fabrication and Assembly Drawing(s)	Description
76410, Rev. 0	Basket Ass'y
76411, Rev. 0	Basket Body Ass'y
69812, Rev. 1	Basket Lid Ass'y
36255, Rev. 1	Handle Installation
36261, Rev. 4	Handle Bar Ass'y
36262, Rev. 1	Handle Bracket Ass'y
70406, Rev. 0	Open Front End Mod.
70405, Rev. 1	Lid Step Mod.

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	Y ✓
Document Control List revision level matches (or exceeds) STC:	Y ✓
Drawings revision levels match Document Control List:	Y ✓
Purchase order or Work order source is recorded for each part/ass'y:	Y ✓
Tests and inspections specifically called out on drawings are complete:	Y ✓
Release tags associated with all fabricated parts are attached:	Y ✓
All mounting hardware and supplies are included:	Y ✓

List all non-conformities raised: _____

Inspector Signature: Jeff ClarkDate: 31 Oct 2008

WELDER SIGNATURE: _____

DATE: _____

Drawing: 76410 Revision 0
 Assembly: 76410-01 -02 Cargo Basket Ass'y (LH, Quick-Release, Medium, 75.75" long)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	76410-01	Cargo Basket Assembly			
1	76411-01	Basket Body Assembly	Below		
1	69812-01	Basket Lid Assembly	Below		
1	36255-01	Handle Bar Installation	Below		
1	36280-01	Brace Assembly	9-2081 Brace	7005	
1	MS20001P4	Piano Hinge		8024	
1	76427-01	Placard	0.063 Sheet, 6061-T6 Aluminum	960708	
3	49205-14	Bumper	Argus Industries Bumper	8071	
A/R	CR3213-4-02	Cherry Rivet		8020	
4	40088-14	Fitting	Ancra	8032	
4	AN960-616	Washer		6016	
1	AN3-15A	Bolt		6016	
1	AN3-17A	Bolt		6066	
4	AN960-10	Washer		6043	
2	AN970-3	Washer		5026	
2	MS21044N3	Nut		6016	

Processes	Per	Mat'ls Used	Inspection	Signature
Riveting	AC43.13-1B	CR3213-4-02 Rivets		JE
Final Inspection	Drawing 76410			JE.

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 76411 Revision 0
 Assembly: 76411-01 Basket Body Ass'y (Quick-Release, Medium, 75.75" long)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	76411-01	Basket Body Assembly			
A/R		Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	8007	
A/R		Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	8007	
3	76421-01	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	8007	
1	76422-01	Attachment Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	8007	
1	76423-01	Attachment Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	8007	
1	36262-01	Handle Bracket Assembly	Below		
1	49215-01	Spacer	1018 Steel, 1/2" Rod	951108	
A/R	3/4-16F	Mesh	Expanded carbon steel	7029	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 76411			<i>gc</i>
Final Inspection	Drawing 76411			<i>gc.</i>

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Drawing: 69812 Revision 1
Assembly: 69812-01 Basket Lid Ass'y (Quick-Release, Medium, 75.75" long)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	69812-01	Basket Lid Assembly			
2	69824-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	8007	
2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	8007	
3	49213-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	8007	
1	49216-01	Spacer	1018 Steel, 1/2" Rod	951108	
1	36262-01	Upper Handle Bracket Assembly	Below		
1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	9516042	
A/R	3/4-16F	Mesh	Expanded carbon steel	7029	


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 69812			
Final Inspection	Drawing 69812			

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Drawing: 36255 Revision 1
Assembly: 36255-01 Handle Installation

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	36255-01	Handle Installation			
1	36261-01	Handle Bar Assembly	Below		
2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	7004	
2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	6068	
2	AN3-14A	Bolt		6071	
4	AN960-10	Washer		6043	
2	MS21044N3	Nut		6016	


Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 36255			

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Drawing: 36261 Revision 4
Assembly: 36261-01 Handle Bar Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	36261-01	Handle Bar Assembly			
1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.035 Rnd. Tube	8066	
2	36271-01	Lever	304 Stainless, 0.105 Sheet	7006	
2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	2005	
2	MS20615-4M3	Rivet		7039	


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 36261			

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Drawing: 36262 Revision 1
Assembly: 36262-01 Handle Bracket Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	36261-01	Handle Bracket Assembly			
1	36272-01	Basket Bracket	321 Stainless, 0.050 Sheet	3021	
2	36273-01	Lid Bracket	321 Stainless, 0.050 Sheet	3021	
2	36275-02	Support	304 Stainless, 5/16" Rod	6003	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 36262			


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Drawing: 70406 Revision 0
Assembly: 70406-01 Open Front End Modification

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
3 Total	70406-01	Open Front End Modification			
1	70406-03	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	8007	
1	70406-04	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	8007	
1	3/4-16F	Mesh	Expanded Carbon Steel	7029	

Note: Remainder of assembly listed on drawing 76410

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70406			


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Drawing: 70405 Revision 1
Assembly: 70405-01 Lid Step Modification

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	70405-01	Lid Step Modification			
8	70405-03	Tube	4130 Steel, ½" x 0.035 Sqr. Tube	8007	
1	70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	8031	
A/R	CR3213-4-02	CherryMax Rivet		8034	

Note: Remainder of assembly listed on drawing 76412

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70405			

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GUARDIAN
AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket (Left Hand) Part #: 76410-01-02

Approval #: SH00-48 Serial #: 76401-06

WO #: 2008-35 Quantity: 1

Eligibility: Eurocopter AS350/355 Series Work Status: Manufactured

Remarks: Modified with Front End Cutout and Lid Step IAW DCL704

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Nov 3/08
Date

J. H. Clark
Inspector Signature